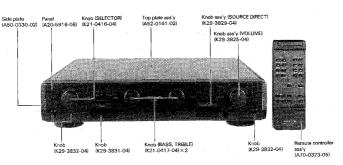
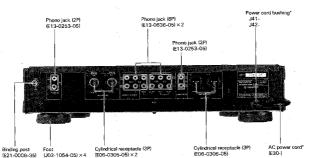
L-1000C SERVICE MANUAL

KENWOOD

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L-1000C

CIRCUIT DESCRIPTION

1. Balance EQ Circuit

Connect two EQ amps (exactly the same circuit) as shown in the figure. With regard to the COLD side input, connect the HOT side NF resistance to the COLD side inversion input.

The HOT side operates in the same manner as in the case of the conventional EQ circuit. When the HOT side is operated, gate Q7 is

connected virtually.

With regard to the COLD side, voltage, which is applied to gate Q5, is applied to the inversion input.

The characterstics of this amp gain is obtained by

2. Balance Volume Circuit

This pre amp employs a balance volume circuit. In addition, by combining with variable and GAIN AMP it improves S/N.

When this pre amp is operating or when VRMIN, the NF resistance becomes a maximum of 6.1K and the gain is also reduced at the same time as input is reduced.

GAIN When VRMA =1+
$$\frac{316K \times 2}{110}$$

When VRMIN =1+
$$\frac{316K\times2}{61K}$$

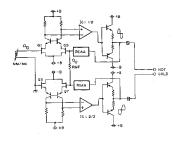
⇒ 2times(6.0dB)

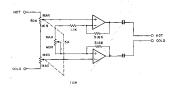
3. Balance to Unbalance Conversion Amp

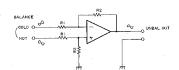
This amp converts the signal transmitted at balance to the unbalance signal. It negates external noise signals generated in phase at the HOT and COLD sides, and extracts the desired signal only.

In this per amp, the constant has been set to obtain output voltage, which is ½ that of the input voltage between HOT and COLD.

GAIN=
$$\frac{R_2}{R_1} = \frac{R_2}{2R_2} = \frac{1}{2}$$
where $R_1 = 2R_2$ is set







CIRCUIT DESCRIPTION

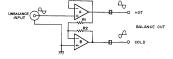
4. Unbalance to Balance Conversion Amp

In this amp the unbalance signal, which is input at the RCA pin, etc., is applied to the noninverting input of the A side amp. As the output and inversion input are directly connected in this amp, it operates as a GAIN=1 buffer amp. and outputs signal to positive phase (HOT).

B side amp grounds noniverting input, and operates as a inversion amp in which NF resistance is set to the same value (R₁=R₂).

When A amp (positive phase) output is input, then the negative-phase output (COLD), which is an inverted phase, is output.

The output voltage of this circuit (between HOT and COLD) is twice as large as the input voltage.



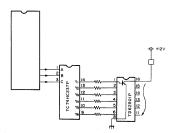
5. Microcomputer

Extension TC74HC237AP

This microcomputer port extension IC is to utilize the microcomputer port effectively. microcomputer output signal, which is encoded to 3 bits, is decoded to six relay control signals.

	Input	nput				Out	tput			ENABLE
С	В	В	Α	Y,	Y,	Y ₃	Y.	Υs	Y _a	GL=L
			Н	Н						GL=L G₂=L G₁=H
	н	н			Н					G₁=H
	Н	н	Н			Н				
Н							Н			
Н			Н					Н		
Н	н	н							Н	
Н	Н	н							н	

All the signals are L besides H.



CIRCUIT DESCRIPTION

Pre Amp Unit (X08-2362-70)

1. EQ Circuit OP Amplifier (IC1, 2)

Two sets of EQ ciruits are used per 1CH as this OP amplifier has balance EQ. The HOT side (noninverting amplifier) is a conventional EQ circuit, and the COLD side (inverting amplifier) receives an NF (feed-back) signal of the HOT side which is added to the inverting input. By doing so, the inverted output can be obtained.

2. Ralance Input Circuit Buffer Amp (IC3, 4)

This becomes an impedance conversion buffer amp when gain is 1.

3. LINE 1 Input Circuit Amp (IC5, 6)

This converts the unbalance signal (the signal which is connected by an RCA pin) to the balance signal. This also serves as an input buffer amp.

4. LINE 2 Input Circuit Amplifier (IC7, 8)

This converts the unbalance signal (the signal which is connected by the RCA pin) to the balance signal. This also serves as an input buffer amplifier.

5. TAPE 1 Input Circuit Amplifier (IC9, 10)

This converts the unbalance signal (this signal which is connected by the RCA pin) to the balance signal. This also serves as an input buffer amplifier.

6. TAPE 2 Input Circuit Amplifier (IC11, 12)

This converts the unbalance signal (the signal which is connected by the RCA pin) to the balance signal. This also serves as an input buffer amplifier.

7. Balance-Unbalance Conversion Amplifier (IC12)

This is a conversion amp to output the balance input signal to the REC OUT Circuit (unbalance signal), and the gain is set to - 6dB.

8. REC OUT selector analog SWs (IC22-25)

9. Balance-Unbalance Conversion Amp (IC26) This balance-unbalance conversion amp is to output the pre amp output, which is transmitted at balance, to apparatus which has only unbalance input, and the gain is set to - 6dB.

10. Power IC for Relay and Motor IV (IC29)

The maker of this VR power IC is limited to correspond with 15V three terminal tone quantity

11. Power IC for Relay and Motor IV (IC30)

The maker of this VR power IC is limited to correspond with 12V three terminal tone quantity

12. Negative Side Power First OFF Circuit (Q43. This is provided to reduce the power supplied to

each section, especially to reduce the electric potential of the EQ circuit to a fixed value, when power is OFF. 13. Analog SW Control Signal Generation Digital

Transformer for REC OUT Circuit (Q47-52) This converts the level of OV OPEN to - 15V

14. Relay Driver Transistor (Q53-55) This drive relays from the microcomputer output

signal.

15. Zener Diode for Relay Circuit (D43, D47-53) This stabilizes the surge killer and control

16. REC OUT SW Diode (D62-65) This generates the SOURCE signal.

Tone Unit (X11-2802-70)

1. OP Amp for LCH Line Amp (IC1)

This serves as both the volume buffer amp and the balance output amp.

2. OP Amp for RCH Line Amp (IC2)

This serves as both the volume buffer amp and the balance output amp.

3. Tone Output Buffer OP Amp (IC3)

This serves as an unbalance to balance the conversion output amp of the tone circuit.

4. Input Conversion OP Amp for Tone Circuit

This is a balance-unbalance conversion amp for the tone circuit.

5. μ CON Circuit Regulator IC (IC17)

This is a 5V three-terminal regulator IC for u CON circuit.

6. Transistor Array (IC21, 22)

These are seven element transistor arrays.

7. Power Relay Drive Transistor (Q17)

This drives the relay by the microcomputer signal.

8. Constant-Current Diode (D72-82)

This drives a relay drive circuit at a constant

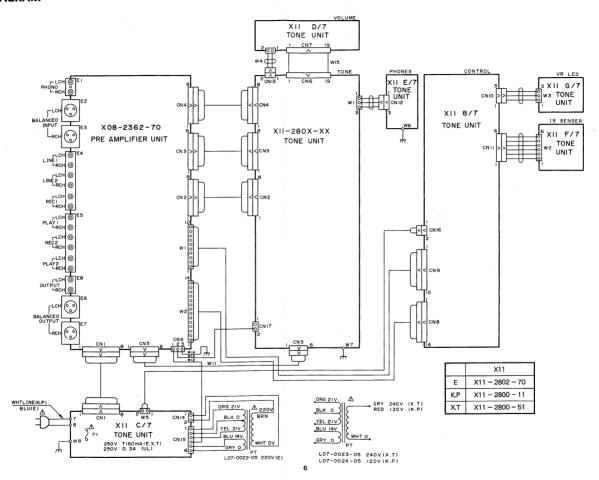
9. Rotary Detector (S6)

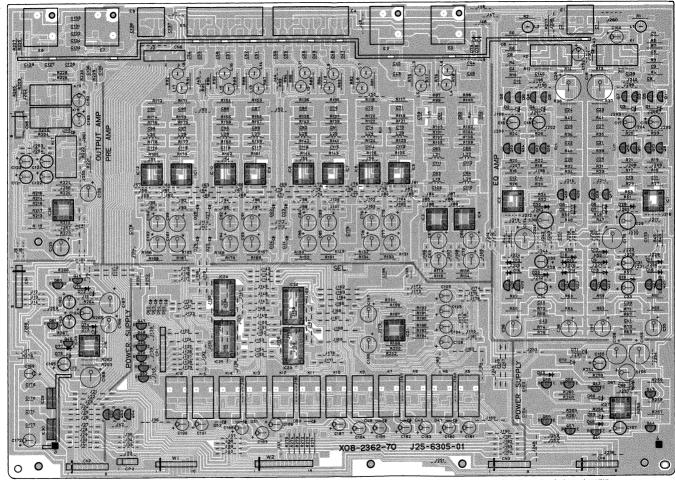
This is for the source selector and reselector.

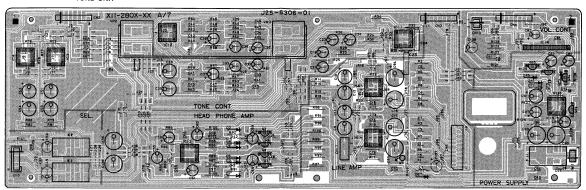
10. Ceramic Resonator (X1)

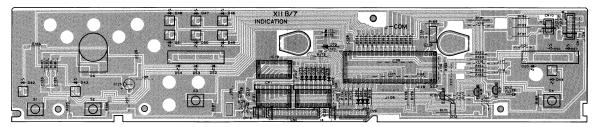
This is a microcomputer clock oscillation element (600KH₂).

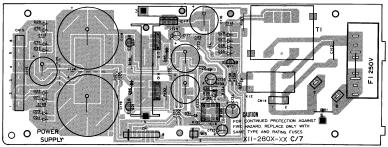
WIRING DIAGRAM

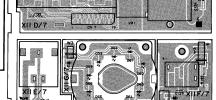




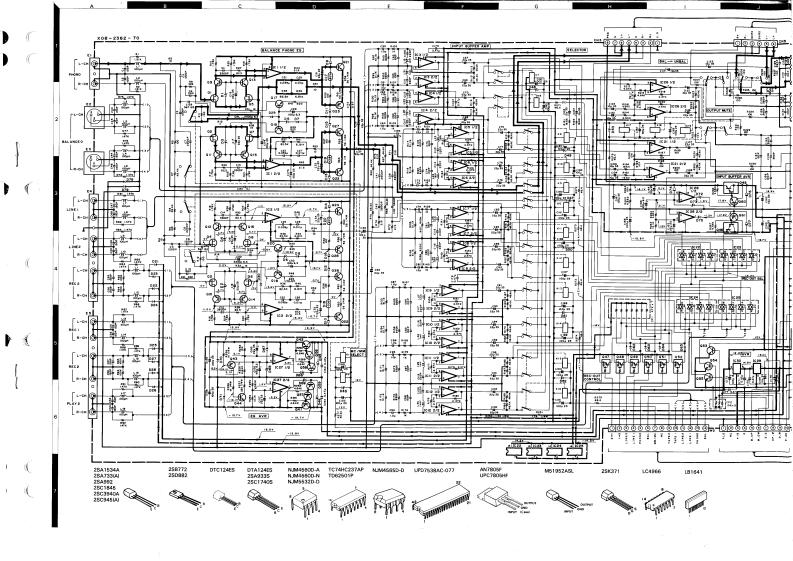


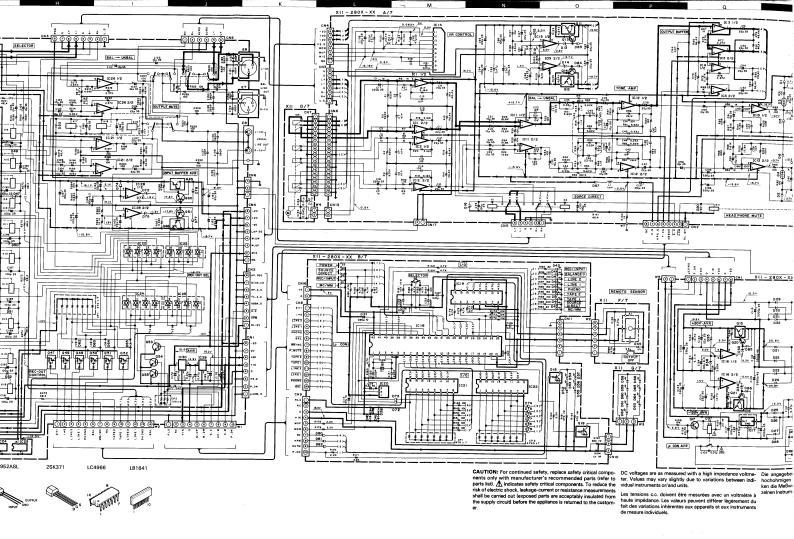


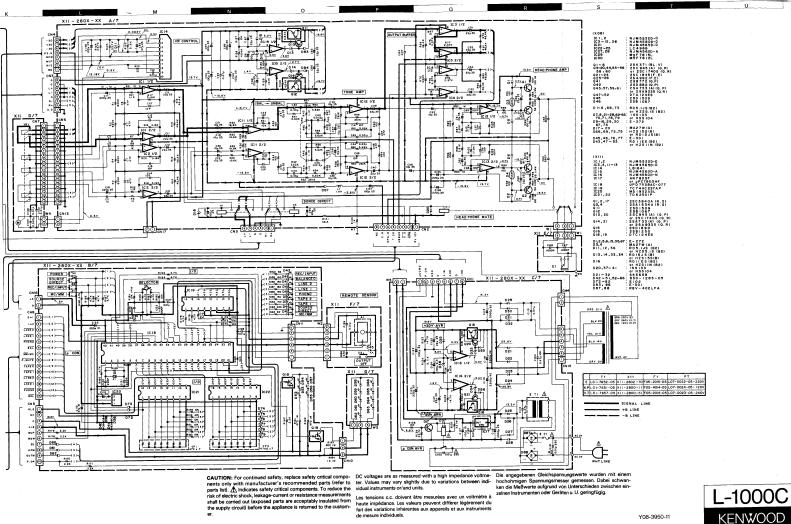




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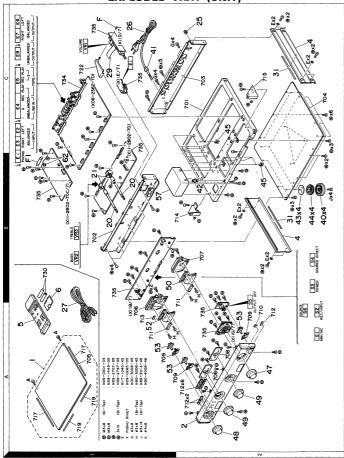






Y08-3950-11

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

★ New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis,

1	Ref. No.	Address	New	Parts No.	Description	Desti- Re- nation marks
	参照番号	位 置	新	部品番号	部品名/規格	仕 向備考
				L-	1000C	
	1 2 4 5 6	1A 2A 2B,2C 1A 1A	* * * *	A52-0141-02 A20-5916-05 A50-0336-03 A70-0323-05 A09-0100-08	TOP PLATE ASSY PANEL SIDE PLATE REMOTE CONTROLLER ASSY BATTERY CASE	
	-		*	B46-0092-03 B46-0096-13 B46-0121-03 B46-0122-13 B46-0143-13	WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD	K X P E T
	-		* *	B50-7810-00 B50-7811-00 B50-7812-00 B58-0803-13	INSTRUCTION MANUAL (ENGLISH) INSTRUCTION MANUAL (FRENCH) INSTRUCTION MANUAL (G,D,I) CAUTION CARD	6 6
	20 21	1B 1B	*	D21 - 1620 - 04 D22 - 0068 - 04	EXTENSION SHAFT SHAFT COUPLING	
200	25 26 26 26 26 26	2C 1C 1C 1C 1C	*	E21-0006-35 E30-0974-05 E30-1341-05 E30-1416-05 E30-2580-05 E30-2621-05	BINDING POST GND AC POWER CORD AC POWER CORD AC POWER CORD AC POWER GORD AUDIO CORD (L)	KP X T E
	27 29 31	1A 1C 2B,2C	* *	E30-2600-05 E31-7217-05 E30-2622-05 G10-0155-04	CORD WITH PLUG FLAT CABLE (19P) W15 AUDIO CORD (R) NON-WOVEN FABRIC	
	<u>.</u>		* *	H01-8685-04 H10-3930-02 H10-3931-12 H25-0232-04 H25-0391-04	ITEM CARTON CASE POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (235X350X0.03) PROTECTION BAG	
2	40 41 41 42 43	2B 1C 1C 2B,2C 2B	*	J02-1054-05 J41-0024-15 J42-0083-05 J19-3242-05 J30-0270-04	FOOT POWER CORD BUSHING POWER CORD BUSHING UNIT HOLDER SPACER	E KPXT
	44 45	2B 2C	*	J39-0154-04 J61-0033-05 J61-0307-05	SPACER WIRE BAND WIRE BAND	
	47 48 49 50 52	2A 2A 2A 1B,2B 1A,2A	* * * *	K29-3825-04 K21-0416-04 K21-0417-04 K29-3829-04 K29-3831-04	KNOB ASSY	
	53	1A,2A	*	K29-3832-04	KNOB	
7777	57 57 57 58	18,28 18,28 18,28 28	* * *	L07-0022-05 L07-0023-05 L07-0024-05 L92-0025-05 W01-0359-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER FERRITE CORE HEX WRENCH	E XT KP
	A B C	1A 2A 2B,2C	*	N09-0301-05 N09-1445-05 N09-2707-05	TAPTITE SCREW (3X8,) SET SCREW (M3X8) DRESSED SCREW	

E: Scandinavia & Europe K: USA P: Canada
U: PX(Far East, Hawaii) T: England M: Other Areas
UE: AAFES(Europe) X: Australia

⚠ indicates safety critical components.

PARTS LIST

× New Parts

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Ref. No.	Address	New Parts	Parts No.	Description	nation	Re-
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1 2 4 5 6	1A 2A 2B,2C 1A 1A	* * * *	A52-0141-02 A20-5916-05 A50-0336-03 A70-0323-05 A09-0100-08	TOP PLATE ASSY PANEL SIDE PLATE REMOTE CONTROLLER ASSY BATTERY CASE		
		*	B46-0092-03 B46-0096-13 B46-0121-03 B46-0122-13 B46-0143-13	WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD	K X P E T	
-		* *	B50-7810-00 B50-7811-00 B50-7812-00 B58-0803-13	INSTRUCTION MANUAL (ENGLISH) INSTRUCTION MANUAL (FRENCH) INSTRUCTION MANUAL (G,D,I) CAUTION CARD	E E	
20 21	1B 1B	*	D21 - 1620 - 04 D22 - 0068 - 04	EXTENSION SHAFT SHAFT COUPLING		
25 26 26 26 26 26 27 29	2C 1C 1C 1C 1C 1C	* * *	E21-0006-35 E30-0974-05 E30-1341-05 E30-1416-05 E30-2580-05 E30-2600-05 E30-2600-05 E31-7217-05	BINDING POST GND AC POWER CORD AC POWER CORD AC POWER CORD AC POWER CORD AUDIO CORD (L) CORD WITH PLUG FLAT CABLE (19P) W15	KP X T E	
31	2B,2C	*	E30-2622-05 G10-0155-04 H01-8685-04	AUDIO CORD (R) NON-WOVEN FABRIC ITEM CARTON CASE		
		*	H10-3930-02 H10-3931-12 H25-0232-04 H25-0391-04	POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (235X350X0.03) PROTECTION BAG		
40 41 41 42 43	2B 1C 1C 2B,2C 2B	*	J02-1054-05 J41-0024-15 J42-0083-05 J19-3242-05 J30-0270-04	FOOT POWER CORD BUSHING POWER CORD BUSHING UNIT HOLDER SPACER	E KPXT	
44 45 -	2B 2C	*	J39-0154-04 J61-0033-05 J61-0307-05	SPACER WIRE BAND WIRE BAND		
47 48 49 50 52	2A 2A 2A 1B,2B 1A,2A	* * * *	K29-3825-04 K21-0416-04 K21-0417-04 K29-3829-04 K29-3831-04	KNOB ASSY VOLUME KNOB SELECTOR KNOB BASS TREBLE KNOB ASSY SOURCE DIRECT KNOB POWER		
53	1A,2A	*	K29-3832-04	KNOB		
57 57 57 58	1B, 2B 1B, 2B 1B, 2B 2B	* * *	L07-0022-05 L07-0023-05 L07-0024-05 L92-0025-05 W01-0359-05 W09-0301-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER FERRITE CORE HEX WRENCH TAPTITE SCREW (3XR.)	E XT KP	1
A B C	1A 2A 2B,2C	*	W01-0359-05 N09-0301-05 N09-1445-05 N09-2707-05	HEX WRENCH TAPTITE SCREW (3X8,) SET SCREW (M3X8) DRESSED SCREW		

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas

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参照番号	位 置	新	部品番号	部品	名/規	格	仕 向	備
D E F G H	1B,1C 2B,2C 1C 1C,2C 1A,2A		N09-2767-05 N17-1040-45 N29-0265-05 N30-3008-45 N89-3008-45	SCREW TOOTHED LOCK PUSH RIVET PAN HEAD MAC BINDING HEAD	HINE SCRE	EW SCREW		
J K	1B,2B 2B		N89-3014-45 N90-4008-46	BINDING HEAD TP HEAD MACH				
			PREAMPLIFIER	UNIT (X08-23				
C1 ,2 C3 -6 C7 ,8 C9 ,10 C11 -14			CF92FV1H101K CF92FV1H122J CF92FV1H222J C91-0175-05 CF92FV1H332J	MF MF MF POLYSTY MF	100PF 1200PF 2200PF 56PF 3300PF	K J K J		
C15 -18 C19 ,20 C21 -24 C25 -28 C29 ,30		* *	C90-1814-05 CE04KW0J332M CQ93HP2A393G CQ93HP2A113G C90-1792-05	ELECTRO ELECTRO MYLAR MYLAR ELECTRO	22UF 3300UF 0.039UF 0.011UF 100UF	25WV 6.3WV G G 6.3WV	-	
C31 -34 C35 -38 C39 -42 C43 -58 C59 -62		*	C90-1814-05 C90-1803-05 CF92FV1H392J CF92FV1H151K CF92FV1H105J	ELECTRO ELECTRO MF MF MF	22UF 22UF 3900PF 150PF 1.0UF	25WV 35WV J K J		
C63 -66 C67 -70 C71 ,72 C73 ,74 C75 -78		*	CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05	MF ELECTRO MF MF ELECTRO	100PF 22UF 1.0UF 100PF 22UF	K 35WV J K 35WV		
C79 ,80 C81 ,82 C83 -86 C87 ,88 C89 ,90		*	CF92FV1H105J CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K	MF MF ELECTRO MF MF	1.0UF 100PF 22UF 1.0UF 100PF	J K 35WV J K		
C91 -94 C95 ,96 C97 ,98 C99 -102 C103-106		*	C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05 C90-1794-05	ELECTRO MF MF ELECTRO ELECTRO	22UF 1.0UF 100PF 22UF 10UF	35WV J K 35WV 35WV		
C107,108 C109-120 C121-124 C125,126 C127-130		*	C90-1803-05 CF92FV1H221K C90-1794-05 C90-1803-05 CF92FV1H391K	ELECTRO MF ELECTRO ELECTRO MF	22UF 220PF 10UF 22UF 390PF	35WV K 35WV 35WV K		
C131-134 C135,136 C137,138 C139,140 C151	,		CF92FV1H101K CF92FV1H391K CF92FV1H101K C91-0175-05 CF92FV1H104J	MF MF MF POLYSTY MF	100PF 390PF 100PF 56PF 0.10UF	K K K K	-	
C152 C153,154 C155 C156 C157		* *	CE04KW1E101M CF92FV1H474J C90-1814-05 C90-1792-05 C90-1814-05	ELECTRO MF ELECTRO ELECTRO ELECTRO	100UF 0.47UF 22UF 100UF 22UF	25WV J 25WV 6.3WV 25WV		
C158,159			C90-1807-05	ELECTRO	100UF	25WV		

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas

17

UE : AAFES(Europe) X: Australia

♠ indicates safety critical components.

¥ New Parts Parts withou Les articles Telle ohne Pa Ref. No.

	参照者:	8
	C160 C162-16 C166 C167,16 C169	£
	C170,17 C172 C173 C174,17 C176-17	5
	C180-19 C195,19	3
	E1 E2 ,3 E4 ,5 E6 ,7 E8	
i	L1 -18 L19 -30	
	L M	
	CP1 CP2 R1 ,2 R3 ,4 R5 ,6	
	R7 ,8 R9 ,10 R11 ,12 R13 ,14 R15 -22	
	R23 -26 R27 -30 R31 -34 R35 -38 R39 -42	
	R43 -46 R47 -50 R51 -54 R55 -58 R59 -66	
	R67 -70 R71 -74 R75 -78 R81 -92 R93 -96	
	R97 -100 R101-100 R105-100 R113-110 R117,110	5 6 6
	R119,120 R121,12	

PARTS LIST

* New Parts

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Ref. No.	Address New	Parts No.	Description	Desti- Re- nation marks
参照番号	位置新	部品番号	部品名/規格	仕 向備考
D E F G H	1B,1C 2B,2C 1C 1C,2C 1A,2A	N09-2767-05 N17-1040-45 N29-0265-05 N30-3008-45 N89-3008-45	SCREW TOOTHED LOCK WASHER PUSH RIVET PAN HEAD MACHINE SCREW BINDING HEAD TAPTITE SCREW	
J K	1B,2B 2B	N89-3014-45 N90-4008-46	BINDING HEAD TAPTITE SCREW TP HEAD MACHINE SCREW	
		PREAMPLIFIER	UNIT (X08-2362-70)	
C1 ,2 C3 -6 C7 ,8 C9 ,10 C11 -14		CF92FV1H101K CF92FV1H122J CF92FV1H222J C91-0175-05 CF92FV1H332J	MF 100PF K MF 1200PF J MF 2200PF J POLYSTY 56PF K MF 3300PF J	
C15 -18 C19 ,20 C21 -24 C25 -28 C29 ,30	*	C90-1814-05 CE04KW0J332M CQ93HP2A393G CQ93HP2A113G C90-1792-05	ELECTRO 22UF 25WV ELECTRO 3300UF 6.3WV MYLAR 0.039UF G MYLAR 0.011UF G ELECTRO 100UF 6.3WV	
C31 -34 C35 -38 C39 -42 C43 -58 C59 -62	*	C90-1814-05 C90-1803-05 CF92FV1H392J CF92FV1H151K CF92FV1H105J	ELECTR® 22UF 25WV ELECTR® 22UF 35WV MF 3900PF J MF 150PF K MF 1.0UF J	
C63 -66 C67 -70 C71 ,72 C73 ,74 C75 -78	*	CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05	MF 100PF K ELECTRO 22UF 35WV MF 1.0UF J MF 100PF K ELECTRO 22UF 35WV	
C79 ,80 C81 ,82 C83 -86 C87 ,88 C89 ,90	*	CF92FV1H105J CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K	MF 1.0UF J MF 100PF K ELECTRO 22UF 35WV MF 1.0UF J MF 100PF K	
C91 -94 C95 ,96 C97 ,98 C99 -102 C103-106	* *	C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05 C90-1794-05	ELECTRO 22UF 35WV MF 1.0UF J MF 100PF K ELECTRO 22UF 35WV ELECTRO 10UF 35WV	
C107,108 C109-120 C121-124 C125,126 C127-130	* *	C90-1803-05 CF92FV1H221K C90-1794-05 C90-1803-05 CF92FV1H391K	ELECTRO 22UF 35WV MF 220PF K BLECTRO 10UF 35WV BLECTRO 22UF 35WV MF 390PF K	
C131-134 C135,136 C137,138 C139,140 C151		CF92FV1H101K CF92FV1H391K CF92FV1H101K CF91-0175-05 CF92FV1H104J	MF 100PF K MF 390PF K MF 100PF K PGLYSTY 56PF K MF 0.10UF J	
C152 C153,154 C155 C156 C157	* * *	CE04KW1E101M CF92FV1H474J C90-1814-05 C90-1792-05 C90-1814-05	BLECTR0	
C158,159		C90-1807-05	ELECTRO 100UF 25WV	

 E: Scandinavia & Europe
 K: USA
 P: Canada

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♠ indicates safety critical components.

PARTS LIST

* New Parts

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Telle ohne Parts No. werden nicht geliefert.

Ref. No.	Address	Parts	Parts No.	Description	Desti- Re- nation mark
参照番号 C160 C162-165 C166 C167,168 C169	位置	新 * *	部品番号 CE04KW1E101M C90-1814-05 C90-1792-05 C90-1807-05 CE04KW1E100M	部 品 名 / 規 格 ELECTRO 100UF 25WV ELECTRO 100UF 6.3WV ELECTRO 100UF 25WV ELECTRO 100UF 25WV	仕 向情考
C170,171 C172 C173 C174,175 C176-179			CF92FV1H474J CE04KW1C101M CF92FV1H474J C90-1807-05 CF92FV1H474J	MF 0.47UF J 16WV MF 0.47UF J 100UF 16WV MF 100UF 25WV MF 0.47UF J	
C180-193 C195,196			CE04KW1E101M CF92FV1H474J	ELECTRO 100UF 25WV MF 0.47UF J	
E1 E2 ,3 E4 ,5 E6 ,7 E8		* * *	E13-0253-05 E06-0305-05 E13-0636-05 E06-0306-05 E13-0253-05	PHONO JACK (2P) CYLINDRICAL RECEPTACLE (3P) PHONO JACK (6P) CYLINDRICAL RECEPTACLE (3P) PHONO JACK (2P)	
L1 -18 L19 -30			L40-1011-47 L40-1021-14	SMALL FIXED INDUCTOR(100UH,K) SMALL FIXED INDUCTOR(1.0MH,K)	
L M	1B,1C 1B,1C		N35-3008-45 N89-2606-45	BINDING HEAD MACHINE SCREW BINDING HEAD TAPTITE SCREW	
CP1 CP2 R1 ,2 R3 ,4 R5 ,6		*	R90-0438-05 R90-0290-05 RN14BK2E1211FTS RN14BK2E10R0FTS RN14BK2E1000FTS	MULTI-COMP 47KX7 J 1/6W MULTI-COMP 10KX3 J 1/6W RN 1.21K F 1/4W RN 10.0 F 1/4W RN 100.0 F 1/4W	
R7 ,8 R9 ,10 R11 ,12 R13 ,14 R15 -22	,	* * * *	RN14BK2E4642FTS RN14BK2E4220FTS RN14BK2E1300FTS RN14BK2E11R0FTS RN14BK2E1781FTS	RN 46.4K F 1/4W RN 422.0 F 1/4W RN 130.0 F 1/4W RN 11.0 F 1/4W RN 1.78K F 1/4W	
R23 -26 R27 -30 R31 -34 R35 -38 R39 -42		* * *	RN14BK2E1782FTS RN14BK2E82R5FTS RN14BK2E1001FTS RN14BK2E8252FTS RN14BK2E8811FTS	RN 17.8K F 1/4W RN 82.5 F 1/4W RN 1.00K F 1/4W RN 82.5K F 1/4W RN 6.81K F 1/4W	
R43 -46 R47 -50 R51 -54 R55 -58 R59 -66		*	RN14BK2E21R5FTS RN14BK2E8250FTS RN14BK2E10R0FTS RN14BK2E1000FTS RD14AB2E560JTS	RN 21.5 F 1/4W RN 825.0 F 1/4W RN 10.0 F 1/4W RN 100.0 F 1/4W FL-PR00F RD 56 J 1/4W	
R67 -70 R71 -74 R75 -78 R81 -92 R93 -96		* * * *	RN14BK2E4642FTS RN14BK2E2150FTS RN14BK2E1471FTS RN14BK2E1471FTS RN14BK2E1003FTS	RN 46.4K F 1/4W RN 215.0 F 1/4W RN 1.47K F 1/4W RN 1.47K F 1/4W RN 100K F 1/4W	
R97 -100 R101-104 R105-108 R113-116 R117,118		* * *	RN14BK2E5112FTS RN14BK2E8203FTS RN14BK2E1001FTS RN14BK2E4642FTS RN14BK2E5112FTS	RN 51.1K F 1/4W RN 820K F 1/4W RN 1.00K F 1/4W RN 46.4K F 1/4W RN 51.1K F 1/4W	
R119,120 R121,122		*	RN14BK2E8203FTS RN14BK2E1001FTS	RN 820K F 1/4W RN 1.00K F 1/4W	

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UE: AAFES(Europe) X: Austrelia

18

PARTS LIST

* New Parts

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Telle ohne Parts No. werden nicht geliefent.

Ref. No.	Add	ress	New	F	arts	No.			Ď	escription			Dest natio	i- Re	
参照者号	位	쿹	Parts 新	部	A	書	号	部	品	名/規	格		tt tt	向 備	
R123-126	1		*	RN14	BK 26	237	1FTS	RN	_	2.37K	F	1/4W			
R131-134	1		*	RN14	BK26	464	2FTS	RN		46.4K		1/4W	i .		
R135,136			*	RN14				RN		51.1K	·F	1/49	ļ	- 1	
R137,136			*	RN14				RN		820K	F	1/48	l		
R139,140			Ì	RN14	BK 2E	1100	11FTS	RN		1.00K	F	1/4W			
R141-144			*	RN14 RN14			1FTS	RN RN		2.37K 46.4K	F	1/49	į		
R149-152 R153,154	1		*				2FTS	RN		51.1K	F	1/4W	i	- 1	
R155,156			*	RN14				RN		820K	F	1/4W			
R157,158				RN14				RN		1.00K	F	1/4W	l		
R159-162			*	RN14	BK2E	237	1FTS	RN		2.37K	F	1/4W		1.	
R167-170			*	RN14	BK2E	464	2FTS	RN		46.4K	F	1/4W			
R171,172	1		*				2FTS	RN		51.1K	F				
R173,174	1		*				3FTS	RN		820K	F	1/49	1	- 1	
R175,176	1			RN14	BK2E	100	1FTS	RN		1.00K		1/4W	į		
R177-180			*				1FTS	RN RN		2.37K 46.4K	F	1/4W 1/4W	1		
R185-188	i		*	RN14			2FTS	RN		19.6K	F	1/4W	[- 1	
R191-194 R195-198	1		1				2FTS	RN		10.0K	F	1/49			
R199,200			*				OFTS	RN		100.0	F				
R201,202			*	RN14	RK 2F	464	2FTS	RN		46.4K	F	1/4W			
R203-206	i		1 1	RN14				RN		10.0K		1/4W			
R213-216			*	RN14				RN		4.64K	F	1/49		- 1	
R217-220	1		*				1FTS	RN		2.37K	F	1/4W	ļ		
R221,222				RN14	BK2E	100	2FTS	RN		10.0K	F	1/4W		1	
R223,224	1		*	RN14	BK2E	464	2FTS	RN		46.4K	F	1/4W	1	- 1	
R225-230	1		*	RN14	BK 2E	100	OFTS	RN FL~PROOF	n n	100.0 1.5K	F	1/4W 1/4W)	ı,	
R251,252 R253	1			RN14				RN RN	ĸυ	10.0K	F	1/4W	1	- 1	
R254			*				1FTS	RN		4.64K	F	1/4W	1		
8255				RN1 A	3K2F	383	1FTS	RN		3.83K	F	1/4₩			
R256	i		*				2FTS	RN		12.18	F	1/4V	1	-	
R257	1		1 (RD14				FL-PROOF		33	J	1/4W	ł		
R258,259	j		1 1	-RD14				FL-PROOF	ŔD	1.0K	J	1/48			
R260,261			*	RN14	3K2E	464	1FTS	RN		4.64K	F	1/4W		1	
R262	1 .			RN14				RN		3.83K	F				
R263	1		*	RN14				RN		12.1K	F	1/4W		- 1	
R264	1		*	RN14	31/21	1464	1FTS	RN RN		10.0K 4.64K		1/49	1	- 1	
R265-269 R270-277			*				4FTS	RN		46.4	F	1/4W 1/4W 1/4W			
K1 ,2	1]]	S51-	2089	-05		MAGNETIC	REI	ΔΥ .			1		
K5 -19	1			S51-				MAGNETIC					1	- 1	
D1 -6	1		1 1	HZS5	.150	82)	!	ZENER DIO	DE				1		
Di -6				RD5.				ZENER DIO	DĒ				1		
D7 .8	1			HSS1				DIODE					1	- 1	
D7 ,8			1	1551				DIODE	۰	DENT PY	ממי			- 1	
D9 -16	1			E-27	4			CONSTANT	CUF	KENI DIO	שעי		1		
D17 -20	1			MA27				VARISTOR					1		
D21 -28				HSS1				DIODE]	1	
D21 -28	ĺ		П	1SS1 E-27				DIODE CONSTANT	CITE	DENT DIE	ne.		1	- 1	
D29 ,30 D43	1		1	HZS1		22)	- 1	ZENER DIG	OF.	LUNINI DIA	םעי		1		
	1													-	
D43	1			RD11 E-30		32)		ZENER DIG		DONE FT			ĺ	- 1	
D45 ,46															

E: Scandinavia & Europe K: USA P: Canada

U: PX(Far East, Hawaii) T: England M: Other Areas

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PARTS LIST

★ New Parts

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Telle ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- mark:
参照番号	位置	Ħ	部品番号	部品名/規格	仕 向	備考
D47 -53 D47 -53 D62 -65 D62 -65 D66			HZS11N(B2) RD11ES(B2) HSS104 1SS133 HZS15S(B)	ZENER DIØDE ZENER DIØDE DIØDE DIØDE ZENER DIØDE		
D66 D67 D68 D68 D69	_		RD15JS(B) E-272 HZS5.1S(B2) RD5.1JS(B2) HZS15S(B)	ZENER DIØDE CONSTANT CURRENT DIØDE ZENER DIØDE ZENER DIØDE ZENER DIØDE		
D69 D70 ,71 D70 ,71 D72 D72			RD15JS(B) HSS104 1SS133 HZS15S(B) RD15JS(B)	ZENER DIODE DIODE DIODE ZENER DIODE ZENER DIODE		-
D73 D73 D74 D75 D75			HZS5.1S(B2) RD5.1JS(B2) E-272 HZS15S(B) RD15JS(B)	ZENER DIØDE ZENER DIØDE CØNSTANT CURRENT DIØDE ZENER DIØDE ZENER DIØDE		
D76 ,77 D78 ,79 D78 ,79 IC1 ,2 IC3 -12		*	E-301 HSS104 1SS133 NJM5532D-D NJM4580D-D	CONSTANT CURRENT DIODE DIODE DIODE IC(OP AMP X2) IC		
IC21 IC22-25 IC26 IC27,28 IC29		*	NJM4565D-D LC4966 NJM4580D-D NJM4560D-A M5F7815L	IC ICCMOS LOGIC BILATERAL SW) IC ICCOP AMP X2) IC		-
IC30 Q1 -8 Q1 -8 Q9 -20 Q9 -20	-	*	M5F7812L 2SK371(BL) 2SK371(V) 2SC1740S(Q,R) 2SC945(A)(Q,P)	IC FET FET TRANSISTOR TRANSISTOR		
921 -24 925 -28 941 942 943	-		2SC1845(F,E) 2SA992(F,E) 2SB772(Q,P) 2SD882(Q,P) 2SA733(A)(Q,P)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q43 Q44 Q44 Q45 Q46		*	2SA933S(Q,R) 2SC1740S(Q,R) 2SC945(A)(Q,P) 2SD1509 2SB1067	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	-	-
947 -52 953 -56 953 -56 957			DTA124ES 2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q58 Q58 Q59 Q59 Q60	-		2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R) 2SC1740S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		-

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⚠ indicates safety critical components.

PARTS LIST

* New Parts PARIS LI

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Teile ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	De	scription		Desti- nation	Re- mark
参照番号	位 置	新	部品番号	部品	名/規	格		備者
960 961 961			2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR				
	TON	IE (JNIT (X11-2802-7	0: E, 00-11: K	, P, -00-5	1:X, T)		
D42 -66		*	B30-1283-05	LED				Г
C1 -4 C5 -8 C9 -12 C13 -16 C17 ,18		*	CF92FV1H105J C91-0174-05 C90-1803-05 C91-0166-05 C90-1793-05	MF POLYSTY ELECTRO POLYSTY ELECTRO	1.0UF 47PF 22UF 10PF 220UF	J K 35WV D 25WV		
C19 -22 C23 ,24 C31 ,32 C33 ,34 C35 -38		* *	C90-1794-05 C91-0167-05 C90-1794-05 CF92FV1H334J C90-1794-05	ELECTRO POLYSTY ELECTRO MF ELECTRO	10UF 12PF 10UF 0.33UF 10UF	35WV K 35WV J 35WV		
C39 ,40 C41 ,42 C43 ,44 C45 ,46 C47 ,48		*	C90-1803-05 C91-0166-05 CF92FV1H334J CF92FV1H123J C91-0174-05	ELECTRO POLYSTY MF MF POLYSTY	22UF 10PF 0.33UF 0.012UF 47PF	35₩V D J K		
C49 ,50 C51 -54 C55 ,56 C57 ,58 C59 ,60		* *	CE04KW1E101M C90-1803-05 C90-1794-05 C91-0166-05 C90-1814-05	ELECTRO ELECTRO ELECTRO POLYSTY ELECTRO	100UF 22UF 10UF 10PF 22UF	25WV 35WV 35WV D 25WV		
C61 ,62 C63 ,64 C65 ,66 C67 ,68		*	C90-1794-05 CF92FV1H391K CF92FV1H101K CF92FV1H102J CF92FV1H103J	ELECTRO MF MF MF MF	10UF 390PF 100PF 1000PF 0.010UF	35WV K K J J		
C82 C83 ,84 C85 -88 C89 ,90 C91		*	CE04KW1E470M CF92FV1H474J C90-1814-05 C90-1807-05 C90-1792-05	ELECTRO MF ELECTRO ELECTRO ELECTRO	47UF 0.47UF 22UF 100UF 100UF	25WV J 25WV 25WV 6.3WV		
C92 C93 ,94 C101,102 C103 C110			CF92FV1H474J C90-1807-05 C91-0971-05 C91-0609-05 CF92FV1H474J	MF BLECTRO FILM MF MF	0.47UF 100UF 0.01UF 0.47UF 0.47UF	J 25WV 250WV J J		
C112 C113 C114 C115,116 C117	-		CE04KW1A470M CF92FV1H474J CE04KW1H2R2M CE04KW1E332M CE04KW1A101M	ELECTRO MF ELECTRO ELECTRO ELECTRO	47UF 0.47UF 2.2UF 3300UF 100UF	10WV J 50WV 25WV 10WV		
C118,119 C120,121 C122,123 C124 C125		* * *	C90-1784-05 C90-1814-05 C90-1802-05 C90-1792-05 CE04KW1A221M	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	3300UF 22UF 330UF 100UF 220UF	42WV 25WV 35WV 6.3WV 10WV		
C126-129 C130,131 C132,133 C134			C91-0676-05 CC45FSL1H221J C91-0664-05 C91-0692-05	CERAMIC CERAMIC CERAMIC CERAMIC	0.01UF 220PF 0.0033UF 0.047UF	K J K		

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参照番号	位一置	∰	部品番号	部品名/規格		# :
960 961 961			2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR		
	TON	IE (0: E, 00-11: K, P, -00-51:X, T)		
D42 -66		*	B30-1283-05	LED		
C1 -4 C5 -8 C9 -12 C13 -16 C17 ,18		*	CF92FV1H105J C91-0174-05 C90-1803-05 C91-0166-05 C90-1793-05	MF 1.0UF J P0LYSTY 47PF K ELECTRO 22UF 35WV P0LYSTY 10PF D ELECTRO 220UF 25WV		
C19 -22 C23 ,24 C31 ,32 C33 ,34 C35 -38		* *	C90-1794-05 C91-0167-05 C90-1794-05 CF92FV1H334J C90-1794-05	BLECTRO		
C39 ,40 C41 ,42 C43 ,44 C45 ,46 C47 ,48		*	C90-1803-05 C91-0166-05 CF92FV1H334J CF92FV1H123J C91-0174-05	ELECTR® 22UF 35WV P@LYSTY 10PF D MF 0.33UF J MF 0.012UF J P@LYSTY 47PF K		
C49 ,50 C51 -54 C55 ,56 C57 ,58 C59 ,60		* *	CE04KW1E101M C90-1803-05 C90-1794-05 C91-0166-05 C90-1814-05	ELECTRO 100UF 25WV ELECTRO 22UF 35WV ELECTRO 10UF 35WV POLYSTY 10PF D ELECTRO 22UF 25WV		
C61 ,62 C63 ,64 C65 ,66 C67 ,68 C81		*	C90-1794-05 CF92FV1H391K CF92FV1H101K CF92FV1H102J CF92FV1H103J	BLECTRO 10UF 35WV MF 390PF K MF 100PF K MF 1000PF J MF 0.010UF J		
C82 C83 ,84 C85 -88 C89 ,90 C91		*	CE04KW1E470M CF92FV1H474J C90-1814-05 C90-1807-05 C90-1792-05	BLECTRO	2"	
C92 C93 ,94 C101,102 C103 C110		-	CF92FV1H474J C90-1807-05 C91-0971-05 C91-0609-05 CF92FV1H474J	MF 0.47UF J ELECTRO 100UF 25WV FILM 0.01UF 250WV MF 0.47UF J MF 0.47UF J		
C112 C113 C114 C115,116 C117			CE04KW1A470M CF92FV1H474J CE04KW1H2R2M CE04KW1E332M CE04KW1A101M	ELECTRO		
C118,119 C120,121 C122,123 C124 C125		* * *	C90-1784-05 C90-1814-05 C90-1802-05 C90-1792-05 CE04KW1A221M	ELECTRO 3300UF 42WV ELECTRO 22UF 25WV ELECTRO 330UF 35WV ELECTRO 100UF 6.3WV ELECTRO 220UF 10WV		
C126-129 C130,131 C132,133 C134			C91-0676-05 CC45FSL1H221J C91-0664-05 C91-0692-05	CERAMIC 0.01UF K CERAMIC 220PF J CERAMIC 0.0033UF K CERAMIC 0.047UF K		

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21

* New Parts

PARTS LIST

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	Ref. No. 参照番号	Addre:	P	Vew Parts 新	Parts No. 部品番号		scription 名/規	格		Re- mar 備名
l	C135,136 C137,138 C139,140			*	C90-1793-05 CE04KW1E101M C91-0676-05	ELECTRO	220UF 100UF 0.01UF	25WV 25WV K		
	CN6 ,7 E1				E10-1907-05 E11-0162-05	FLAT CABLE CO PHONE JACK	NNECTOR (3P)	(19P)		
4	F1 F1				F05-1612-05 F05-4014-05	FUSE (SEMKO) FUSE (UL)		T160MA) 0.4A)	EXT	
l	62 62	1B,1 1B,1			J13-0041-05 J13-0054-05	FUSE CLIP FUSE CLIP			KP EXT	
777	L1 T1 T1 T1 X1				L40-1021-14 L01-7651-05 L01-7652-05 L01-7657-05 L78-0239-05	SMALL FIXED I POWER TRANSFO POWER TRANSFO POWER TRANSFO RESONATOR	RMER	(1.0MH,K)	KP E XT	
ŀ	L N	18,1	С		N35-3008-45 N89-3008-45	BINDING HEAD BINDING HEAD				
	CP1 ,2 R1 -4 R5 -8 R13 -16 R17 -20			* *	R90-0438-05 RN14BK2E8203FTS RN14BK2E1001FTS RN14BK2E4642FTS RN14BK2E3161FTS	RN RN RN	47KX7 820K 1.00K 46.4K 3.16K	J 1/6W F 1/4W F 1/4W F 1/4W F 1/4W		
	R21 ,22 R23 -26 R29 -32 R33 ,34 R41 ,42			* * * *	RN14BK2E1101FTS RN14BK2E1962FTS RN14BK2E1002FTS RN14BK2E1000FTS RN14BK2E5621FTS	RN RN RN	1.10K 19.6K 10.0K 100.0 5.62K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
	R43 -50 R51 ,52 R53 -56 R57 -60 R61 ,62			* * * * *	RN14BK2E1101FTS RN14BK2E2613FTS RN14BK2E5621FTS RN14BK2E2613FTS RN14BK2E5621FTS	RN RN RN	1.10K 261K 5.62K 261K 5.62K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W	-	
	R63 ,64 R67 ,68 R69 ,70 R75 -78 R79 -82			* * * *	RN14BK2E1000FTS RN14BK2E1001FTS RN14BK2E4642FTS RN14BK2E2371FTS RN14BK2E4642FTS	RN RN RN	100.0 1.00K 46.4K 2.37K 46.4K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
	R83 ,84 R85 ,86 R87 ,88 R89 -92 R93 -96	-		* * *	RN14BK2E1001FTS RN14BK2E1003FTS RN14BK2E2611FTS RN14BK2E1000FTS RD14AB2E560JTS	RN RN RN	1.00K 100K 2.61K 100.0	F 1/4W F 1/4W F 1/4W F 1/4W J 1/4W		
	R97 -100 R101,102 R105,106 R121 R122	-		* *	RS14DB3A101JTE RN14BK2E1782FTS RN14BK2E1003FTS RN14BK2E10R0FTS RN14BK2E3162FTS	RN RN RN	100 17.8K 100K 10.0 31.6K	J 1W F 1/4W F 1/4W F 1/4W F 1/4W		
	R123,124 R125,126 R127 R128 R129			* * *	RN14BK2E2372FTS RN14BK2E4641FTS RN14BK2E1002FTS RN14BK2E4641FTS RN14BK2E1212FTS	RN RN RN	23.7K 4.64K 10.0K 4.64K 12.1K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
1	R130				RN14BK2E3831FTS	RN	3.83K	F 1/4W		

 E: Scandinavia & Europe
 K: USA
 P: Canada

 U: PX/(Far East, Hawaii)
 T: England
 M: Other Areas

 UE: AAFES(Europe)
 X: Australia

PARTS LIST

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Telle ohne Parts No. werden nicht geliefert.

	Ref. No.	Address		Parts No.	Description		Re-
	参照番号	位置	Parts #f	部品番号	部品名/規格		marks 備考
	R131,132 R133 R134 R135 R136		* * *	RN14BK2E4641FTS RN14BK2E1472FTS RN14BK2E5111FTS RN14BK2E1472FTS RN14BK2E3831FTS	RN 4.64K F 1/4W RN 14.7K F 1/4W RN 5.11K F 1/4W RN 14.7K F 1/4W RN 3.83K F 1/4W		
	R137 R138 R139 R140 R141		*	RS14DB3A330JTE RN14BK2E2372FTS RN14BK2E1002FTS RN14BK2E1001FTS RN14BK2E46R4FTS	FL-PROOF RS 33 J 1W RN 23.7K F 1/4W RN 10.0K F 1/4W RN 1.00K F 1/4W RN 46.4 F 1/4W		
	R191,192 R193 R194 VR1 VR2,3	,	*	RS14DB3A471JTE RS14DB3A821JTE RS14DB3A102JTE R29-9022-05 R10-3042-05	FL-PROOF RS 470 J 1W FL-PROOF RS 820 J 1W FL-PROOF RS 1.0K J 1W POTENTIOMETER POTENTIOMETER (10K X2)		
Δ	K1 ,2 K11 K12 S1 -4 S5			S51-2089-05 S51-2089-05 S51-1052-05 S40-1064-05 S40-1064-05	MAGNETIC RELAY MAGNETIC RELAY MAGNETIC RELAY PUSH SWITCH PUSH SWITCH		
	S6		*	T99-0242-05	SPEED DETECTOR		
	D1 ,2 D3 ,4 D5 ,6 D11 ,12 D11 ,12			E-272 MA27W(A) E-272 HZS5.1S(B2) RD5.1JS(B2)	CONSTANT CURRENT DIODE VARISTOR CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE		
	D13 ,14 D13 ,14 D15 D16 D16			HZS15S(B) RD15JS(B) E-272 HZS11N(B2) RD11ES(B2)	ZENER DIODE ZENER DIODE CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE		
	D20 D20 D21 -32 D33 ,34 D33 ,34		-	HSS104 1SS133 S5566B HZS15S(B) RD15JS(B)	DIODE DIODE DIODE ZENER DIODE ZENER DIODE		
	D35 D36 D36 D37 -41 D37 -41			E-272 HZS5.1S(B2) RD5.1JS(B2) HSS104 1SS133	CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE DIODE DIODE	-	
	D67 D72 -82 D83 -86 D87 ,88 IC1 ,2			E-272 E-102 E-301 RBV-402LFA NJM5532D-D	CONSTANT CURRENT DIODE CONSTANT CURRENT DIODE CONSTANT CURRENT DIODE DIODE IC(OP AMP X2)		
	IC3 ,4 IC11-13 IC14 IC15 IC16			NJM4565D-D NJM4565D-D LB1641 NJM4560D-A NJM4560D-N	IC IC IC(MOTOR DRIVER) IC(OP AMP X2) IC		
	IC17 IC17 IC18		*	AN7805F UPC7805HF UPD7538AC-077	IC(VOLTAGE REGULATOR/ +5V) IC(VOLTAGE REGULATOR/ +5V) IC(MICROPROCESSOR)		

E: Scandinavia & Europe K: USA U: PX(Far East, Hawaii) T: England M: Other Areas UE : AAFES(Europe) X: Australia

PARTS LIST

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

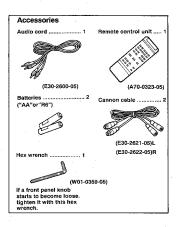
Teile ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- marks
参照番号	位 置	新	部品番号	部品名/規格	仕 向	備考
IC19 IC20 IC21,22 Q1 ,2 Q3 ,4		*	TC74HC237AP M51952ASL TD62501P 2SC3940A(R,S) 2SA1534A(R,S)	IC(3 TO 8 LINE DECODER/LATCH) IC(SYSTEM RESET) IC(7CH TRANSISTOR ARRAY) TRANSISTOR TRANSISTOR		
Q11 Q12 Q13 Q13 Q14		*	2SD1509 2SB1067 2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q14 Q15 Q16 Q17 Q18 ,19		*	2SA933S(Q,R) 2SD1890 2SB1250 2SC3940A(R,S) DTC124ES	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR		
920 920 921 921			2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
A1			W02-0975-05	ELECTRIC CIRCUIT MODULE		1
				*		
				. 1		
-				'		
						-

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas UE: AAFES(Europe) X: Australia

24

ACCESSORIES



L-1000C

SPECIFICATIONS

Total Harmonic Distortion	
(20 Hz to 20,000 Hz)	0.005% (20 Hz to 20,000 Hz, 1 V)
	0.003% (20 Hz to 20,000 Hz, 5 V)
Input Sensitivity/Impedance	
Phono (MM)	2.5 mV/47 kΩ
Phono (MC)	200 μV/100 Ω
LINE/AUX/TAPE	·
UNBALANCED	
BALANCED	300 mV/47 kΩ
Phono Maximum Input Level	
MM	
MC	
Frequency Response	
Phono "RIAA"	
MM	
MC	
BALANCED/LINE/AUX/TAPE	5 Hz to 100 kHz +0 dB = 3 dB
Signal-to-Noise Ratio	
Phono (MM)	
LINE/ALIX/TAPE	
UNBALANCED	100 dB/100 dB (IHF '78) (IHF '66)
BALANCED	
Tone Control	707 (ITI 30)
BASS	+ 10 dB at 100 Hz
TREBLE	
Output Level/Impedance	
Tape REC	150 mV/220 O
REC OUT	
UNBALANCED	1 V/100 O
BALANCED	
General	
Power Consumption	30 W
Dimensions	
	H: 97 mm (3-13/16")
	D: 398 mm (15-11/16")

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice. OLBY and the double-D symbol are rateflements of Doby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing.

Weight (Net)

EXEMPODIT poursal use politique de progrés contentes se oqui couverne la développement. Pour cette résolo, le deplications sont selective incodifications agripative. La marque DOEEY et le double 1°C son des meques déposées des Dobyt Léborations. La présent de le double 1°C son des meques déposées des Dobyt Léborations. EXEMPODID cette statisfique Vertication de la discussion de la contraction de la co

Note

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

. 9.0 kg (19.8 lb)

KENWOOD LINEAR S.D.A.

Shoood Shoop Birking, 178, 2 chrome Statup, Shoopule hat Raye 150, Japan KENNWOOD U.SA. CORPICIPATION, 2001 East Derringues Street, Long Beach, CA 90110, 2011 East Derringues Street, Long Beach, CA 90110, 2011 East Derringues Street, Long Beach, CA 90110, 2011 East Derringues Street, Long Beach, CA 9011 East Derringues Care Care, Hammanage, Grasso, Careda L41 4/22 TRICH-KENNWOOD LECTRONICS SERVERLUX NV. Michelbealeuroung 618 SERO Zevanten, Bergium KENNWOOD ELECTRONICS SERVERLUX NV. Michelbealeuroung 618 SERO Zevanten, Bergium KENNWOOD ELECTRONICS SERVERLUX NV. MICHELBEAR STREET, CARE SERVERLUX NV. MICHELBEAR SERVE

20125, MILANO-VIA ARBE, SO, ITALY
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